

RABIES ANTIBODY TESTING BY THE RFFIT METHOD

| | |
|---|---|
| Specimen Requirements: | Collect serum in a red top tube or gel separator tube. ***Cerebral Spinal Fluid (CSF) testing is also available. Please call for details. |
| Reference Range: | In humans, a titer of 1:5 or greater is considered acceptable. ¹ (MMWR, 48:1-22, 1999) A titer of 0.5 I.U./mL is required for animals exported to most rabies-free areas. <i>Please note there is not an established "protective" titer in animals.</i> Individual interpretation is the responsibility of the submitting veterinarian. |
| Volume of sample: | 2 mls of serum, minimum amount 500 microliters of serum |
| Which Test to request: | |
| <u>Screen</u> (Humans Only): | Qualitative results. For those who want to know if they need a booster of rabies vaccine. Cost: \$25.00 (1-9 samples); \$20.00 (10+ samples). |
| <u>Endpoint</u> (Humans or Animals): | Quantitative results. For those who want to know their exact titer and animals being exported to some rabies free areas. Cost: Humans and animals not for export: \$30.00 (1-9 samples), \$27.00 (10+samples); Animals for export: \$35.00 (as of 5/1/03 \$40.00). (microchip number and country of destination must be included at the time of submission) Note: Contact individual countries for import requirements. |
| Laboratory Schedule: | All RFFITs are initiated at 8:00 am on Mondays (must receive sample by 5:00 pm Friday) and Thursdays (must receive sample by 5:00 pm Wednesday). |
| Routine turnaround: | Results will be mailed within 7-10 days of the set up date. Results will be faxed or phoned upon request. Any additional faxes will incur an additional \$5.00 charge. |
| Shipping Information: | Serum should be removed from the clot and packed in a leak proof container with absorbent material. This package should be placed inside of a second container with gel packs or dry ice. Overnight service is recommended. Shipping charges are the responsibility of the shipper. |
| Payment: | Individuals responsible for payment should include a check, money order, or credit card form |
| Send Samples to: | Rabies Laboratory/RFFIT Mosier Hall Kansas State University 1800 Denison Avenue Manhattan KS 66506-5600 |
| Rejection Criteria: | Gross hemolysis (serum is dark red in color) Gross lipemia (serum is milky in appearance) Not a serum sample (i.e., plasma) QNS (quantity not sufficient) Bacterial contamination Tube unlabeled |

Specimen Labeling Instructions:

ALL specimen tubes must be labeled with the Patient's Name/identification number. Specimens not properly labeled are not accepted by the laboratory. All samples must have an accompanying KSU RFFIT submission form. All animals for export must have a microchip number or tattoo included. If these requirements are not met the test may be cancelled or delayed.

Laboratories Licenses:

| | | | |
|--------------|------------|------------|------------|
| CLIA | 17D0648239 | Florida | L800005564 |
| New York | 817020A0 | California | 17D0648239 |
| Pennsylvania | 028519 | AAVLD | |

Quality Assurance Letter is available upon request.

CPT code: 86382

If you have additional questions, please call the Rabies Lab at (785) 532-4483 or email rabies@vet.k-state.edu
Forms and information are also available on the web at <http://www.vet.k-state.edu/rabies>.